

For Research Use Only

PAPSS1 Polyclonal antibody

Catalog Number: 14708-1-AP **3 Publications**



Basic Information

Catalog Number:

14708-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6401

GenBank Accession Number:

BC050627

GeneID (NCBI):

9061

UNIPROT ID:

O43252

Full Name:

3'-phosphoadenosine 5'-phosphosulfate synthase 1

Calculated MW:

71 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF 1:20-1:200

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

CoIP, IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, hamster

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HepG2 cells, Jurkat cells

IP : HepG2 cells,

IHC : human ovary tumor tissue,

IF : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Ren Liu	34081410	Biotechnol J	WB
Wenyng Zhu	28729416	Cancer Res	IF, CoIP
Xuyou Zhu	36734141	Histol Histopathol	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

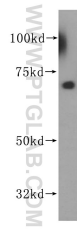
T: 4006900926

E: Proteintech-CN@ptglab.com

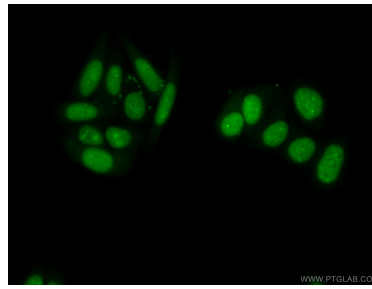
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

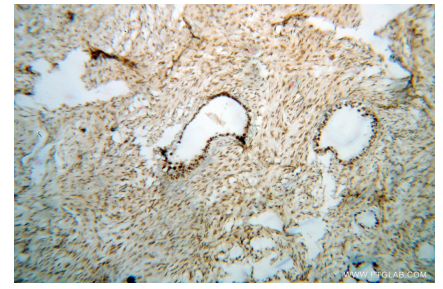
Selected Validation Data



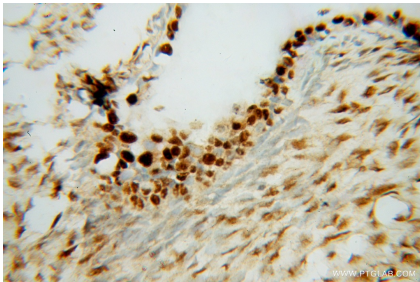
HepG2 cells were subjected to SDS PAGE followed by western blot with 14708-1-AP (PAPSS1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



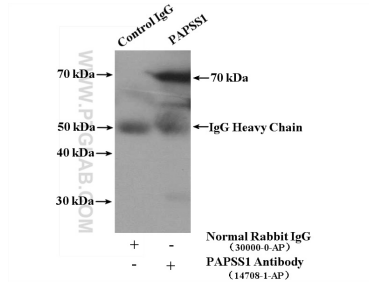
Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 14708-1-AP (PAPSS1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 14708-1-AP (PAPSS1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 14708-1-AP (PAPSS1 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-PAPSS1 (IP:14708-1-AP, 4ug; Detection:14708-1-AP 1:1000) with HepG2 cells lysate 1000ug.